

## **Program Overview**

<b>Program:</b>	Executive Logistics Program - Port of Rotterdam and Logistics HUB System. <i>The program has been initiated and developed by A.T.I. Logistics Partners B.V. in collaboration with Shipping &amp; Transport College.</i>
<b>Institution:</b>	Shipping & Transport College Rotterdam
<b>Duration:</b>	One week (Quarterly) course
<b>Place:</b>	Lecture rooms in Shipping & Transport College / Port of Rotterdam
<b>Training method:</b>	Lectures & fieldtrips
<b>Qualification:</b>	Certificate of Completion
<b>Language:</b>	English with Korean Translation

### **Schedule**

<b>Day 0 ( Sunday )</b>	
<b>Afternoon</b>	<u>17.00 KLM arrive at Amsterdam Schiphol Airport</u> Bus to Rotterdam Check-in Tulip Inn Hotel, Rotterdam

<b>Day 1 ( Monday )</b>	
<b>Morning</b>	<u>Lecture: The Port of Rotterdam</u> <ul style="list-style-type: none"><li>▫ General Introduction</li><li>▫ Main port concept</li><li>▫ Management structure</li><li>▫ Stakeholders: National government, Ministry of Transport, city council)</li><li>▫ Private vs. public</li><li>▫ Cargo development</li></ul>
<b>Afternoon</b>	Fieldtrip: Boat trip through the Port of Rotterdam

*Port of Rotterdam: Rotterdam is the world's biggest port and it follows that it is, therefore, also the biggest port in Europe (handled 322 million tones of goods in 2002). In the Hamburg-Le Havre Range – comprising the nine largest ports in north-western Europe – Rotterdam has a market share of about 35 percent. For railway transport there are the rail shuttles; every week more than 250 shuttle trains run to and from the most important industrial areas in Europe.*

Day 2 (Tuesday )	
<b>Morning</b>	<u>Lecture: Dutch Labor-Management Model</u> <ul style="list-style-type: none"> <li>▫ Spirit of Wassenaar agreement</li> <li>▫ Labor flexibility and job security</li> <li>▫ Expected model in the future</li> </ul>
<b>Afternoon</b>	At Rotterdam Municipal Port Management <u>Lecture: Competition &amp; main hub strategy in Rotterdam</u> <ul style="list-style-type: none"> <li>▫ Port competition &amp; strategy</li> <li>▫ Port tariffs</li> <li>▫ Port marketing &amp; promotion</li> <li>▫ Distribution centers &amp; duty free zones</li> <li>▫ Roles &amp; organization of customs</li> <li>▫ Concessioning</li> <li>▫ Expansions</li> <li>▫ Specialisation</li> </ul>

Day 3 ( Wednesday )	
<b>Morning</b>	<u>Lecture: Container Terminal Operations</u> <ul style="list-style-type: none"> <li>▫ Port authority and terminal operators</li> <li>▫ Productivity</li> <li>▫ Container developments</li> <li>▫ Container handling in Rotterdam</li> </ul>
<b>Afternoon</b>	Fieldtrip: Delta Europe combined terminal / Distribution Center

*Europe Combined Terminals (ECT): ECT is an international operating company; its core business is the transshipment of containers. 75% of all containers that pass the port of Rotterdam is being handled by ECT. The Delta/SeaLand Terminal, the most modern container terminal in the world, was constructed to the order of the leading container shipping company SeaLand. On this terminal a great number of "state-of-the-art" techniques have been introduced, all of them developed by ECT's own engineers. For instance AGV's automatic guided vehicles, and ASC's automated stacking cranes.*

Day 4 ( Tuesday )	
<b>Morning</b>	<u>Hinterland connections from Rotterdam</u> <ul style="list-style-type: none"> <li>▫ Inland waterway system</li> <li>▫ Rail, including Betuwelijn project</li> <li>▫ Road</li> </ul>
<b>Afternoon</b>	Fieldtrip: Transpoint (Betuwelijn : the double track rail roads dedicated to freight transportation)

*Transpoint / Betuwe Route: From 2006 onwards, the port of Rotterdam will have a dedicated freight rail link with Germany. The 150-kilometer long railway line right through the Netherlands is currently being constructed. The Betuwe Route entails an investment of roughly 5 billion euro. The line will improve freight links between the Netherlands and the rest of Europe, boosting Rotterdam's development as a major center for transport, distribution and production. The line has been designed to move up to 74 million tones of freight a year.*

Day 5 ( Friday )	
<b>Morning</b>	<u>Lecture: Maritime Rules &amp; Regulations, Environment &amp; Safety</u> <ul style="list-style-type: none"> <li>▫ Port State control</li> <li>▫ Environmental issues</li> <li>▫ Safety &amp; security issues</li> <li>▫ Contingency planning</li> </ul>
<b>Afternoon</b>	Fieldtrip: Slufter area (Maasvlakte) / AVR <u>Award of certificate of completion / photo</u>

*Maasvlakte Distriparks: Rotterdam developed its Distripark concept in anticipation of developments in international trade. It is the answer to the growing need of shipping companies and logistic service providers for just-in-time delivery at a lower cost. Distriparks are logistic parks with extensive facilities in a concentrated area. Goods can be adapted here to the wishes of the customer and the requirements of the country of destination. This added value can consist of repacking, labeling, weighing, assembling, quality control, just-in-time distribution, Customs clearance, etc.*

*AVR: a waste solving company that solves the waste and environmental problems of industrial companies, public-sector bodies, businesses and consumers in the Netherlands and Europe. Its a reliable, innovative and professional way of solving wastes not only sustain clean environment but also make profit out of generating energy and recycling material.*

Day 5 ( Saturday )	
<b>Morning</b>	Culture Experience ( Amsterdam )
<b>Afternoon</b>	Bus to Schiphol Airport <u>16.50 KLM (KL865) depart from Amsterdam Schiphol Airport</u>

#### **Profile of lecturers:**

**Jan Boelhouwer (the port of Rotterdam)** Worked as a deputy director of the Port of Amsterdam. He has been a senior lecturer on port management with IMTS/Shipping & Transport College for more than 10 years.

**Jochem Goettsch:** is former director of marketing of OCL and lecturer of IMTA/Shipping & Transport College for 8 years.

**Niek van de Merbel:** has been operations manager at Amsterdam Container Terminal, staff member & senior lecturer of IMTA/Shipping & Transport College, and project leader for training on the Mearsk terminal.

**Rob van Reem:** is a senior staff member of IMTA/Shipping & Transport College for inland waterway education

**Robbert Wever:** is a former project leader involved in the Betuwelijn project and presently is a senior lecturer of IMTA/Shipping & Transport College on Logistics

**Jan Willem Verhoeff / Aat Hoorn** have experience in the field concerned in the private industry and are lecturers and project leaders with IMTA/Shipping & Transport College.

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